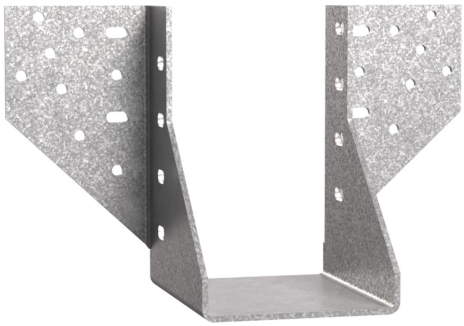
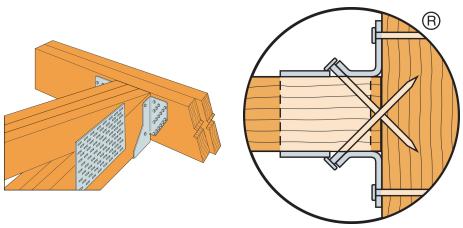
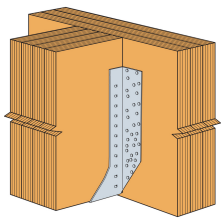
Technical Sheet

HGUS
Heavy Engineered Timber Hanger

The HGUS joist hanger is designed to support trusses and girder trusses from timber members.







Features

Material

- Pre-galvanised mild steel

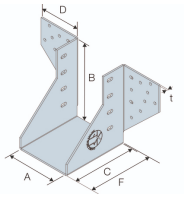
Technical Sheet

HGUS
Heavy Engineered Timber Hanger

SIMPSON Strong-Tie

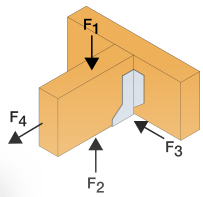
Technical Data

Product Dimensions



Reference	Connector Dimensions											
	Timber size[mm]	Product Dimensions[mm]						Header holes		Joist holes		Other
								Round	Obround	Obround		
	Width[mm]	A[mm]	B[mm]	C[mm]	D[mm]	F[mm]	t[mm]	Ø5[mm]	Ø5x10 Obround	Ø5x10 Obround	Ø6x12 Obround	Weight[kg]
HGUS125/80N	2x35	80	122	100	66	107	2.5	16	4	-	8	0.614
HGUS145/80N	2x35	80	145	100	66	107	2.5	22	6	-	10	0.711
HGUS125/105N	2x47	105	110	100	66	107	2.5	16	4	-	8	0.69
HGUS145/105N	2x47	105	145	100	66	107	2.5	22	6	-	10	0.76
HGUS145/120N	3x35	120	145	100	66	107	2.5	22	6	-	10	0.79
HGUS145/155N	3x47	155	145	100	66	107	2.5	22	6	-	10	0.859
HGUS48N	89x241	92	180	100	66	107	2.5	28	10	10	-	0.877
HGUS410N	89x240 to 457	92	229	100	66	107	2.5	36	10	16	-	1.096
HGUS412N	89x300 to 457	92	265	100	66	107	2.5	44	12	20	-	1.199
HGUS180/135N	133x200 to 302	135	180	100	66	107	2.5	28	8	10	-	0.964
HGUS5.50/10N	133x240 to 457	140	214	100	66	107	2.5	36	10	16	-	1.157
HGUS5.50/14N	133x350 to 457	140	316	100	66	107	2.5	52	14	22	-	1.49
HGUS7.25/10N	180x240 to 457	184	219	100	66	107	2.5	36	10	16	-	1.243
HGUS7.25/12N	180x300 to 457	184	270	100	66	107	2.5	44	112	20	-	1.379
HGUS7.25/14N	180x350 to 457	184	320	100	66	107	2.5	52	14	22	-	1.585
Spec HGUS48N (92 - 300)	Variable	92 - 300	180	100	66	107	2.5	28	10	10	-	-

HGUS - Product Capacities

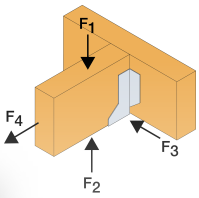


HGUS - Product Capacities
See full table online ➡

Reference	Num Fas											
	Head											
	Qty	Qty	CNA4.0x60	4.0x100mm	CNA4.0x60	4.0x100mm					CNA4.0x60	4.0x1
HGUS125/80N	20.0	8	25.1	-	7.8	-	10.1	-	11.5	-	3.9	-

Technical Sheet

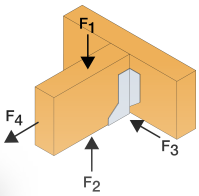
HGUS
Heavy Engineered Timber Hanger



HGUS Heavy Engineered Timber Hanger - Manufactured to Order 92-184mm

HGUS Heavy Engineered Timber Hanger - Manufactured to Order 92-184mm
See full table online ➡️

Reference	Characteris capacities Timber t timber - F nailing				Header holes		Joi hol
	Number of Fasteners	$R_{1,sWi,medium}$	$R_{1,sWi,long}$	$R_{2,sWi,short}$	Round	Obround	Obro



HGUS Heavy Engineered Timber Hanger - Manufactured to Order 185-300mm

HGUS Heavy Engineered Timber Hanger - Manufactured to Order 185-300mm
See full table online ➡️

Reference	Characteris tim								Header holes	
	Nu								Round	Obround
	Header		Joist		4.0x100mm	4.0x100mm			Ø5[mm]	Ø5x10 Obround
	Qty	Type	Qty	Type						

Installation

Installation

- Double shear nailing allows distribution of the carried members load through two points on each nail for greater strength.
- Joist nails must be driven at 45° through the joist dome (pan or obround nail holes) into the joist, then the header to achieve the table loads.
- The thickness of the supporting timber must be equal or greater than the fastener length.
- Verify the header can take the required fasteners specified within the table.
- Use all specified fasteners.

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